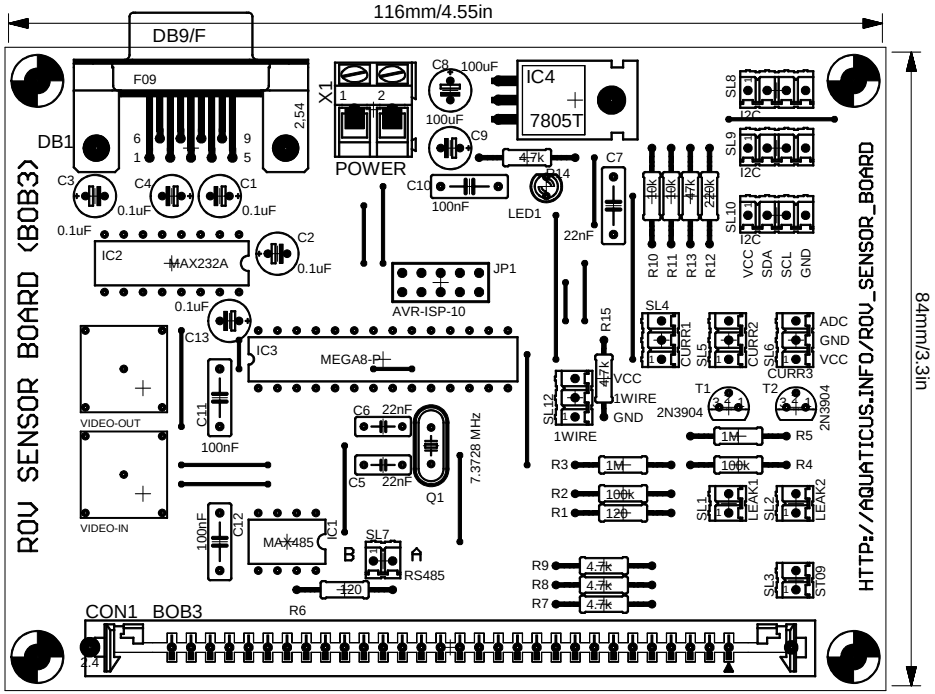
116mm/4.55in
84mm/3.3in
DB9/F
F09
DB1
2.54
X1
POWER
C8 100uF
C9 100uF
IC4
7805T
SL8
I2C
SL9
I2C
SL10
I2C
VCC
SDA
SCL
GND
R10
R11
R13
R12
10k
10k
47k
220k
C7
22nF
47k
C10
100nF
LED1
C3
0.1uF
C4
0.1uF
C1
0.1uF
C2
0.1uF
IC2
MAX232A
JP1
AVR-ISP-10
0.1uF
C13
IC3
MEGA8-P
R15
47k
VCC
1WIRE
GND
SL12
1WIRE
SL4
CURR1
SL5
CURR2
SL6
CURR3
ADC
GND
VCC
T1
2N3904
T2
2N3904
VIDEO-OUT
VIDEO-IN
C11
100nF
C6 22nF
C5 22nF
Q1
7.3728 MHz
R5
1M
R3
1M
R4
100k
R2
100k
R1
120
SL1
LEAK1
SL2
LEAK2
100nF
C12
MAX485
IC1
B
A
SL7
RS485
R6
120
R9
4.7k
R8
4.7k
R7
4.7k
SL3
STO9
CON1 BOB3
2.4
ROV SENSOR BOARD (BOB3)
HTTP://AQUATICUS.INFO/ROV_SENSOR_BOARD